

- (A) integrated crop management systems;
 - (B) sustainable agricultural practices;
 - (C) best management practices for use of plant nutrients and animal wastes;
 - (D) alternative methods of pest and disease control designed to integrate biological, cultural, host-resistance, and judicious use of pesticides; and
 - (E) improved methods for the storage, use, and safe disposal of potential contaminants;
- (2) improve the understanding of the fate and transport of farm chemicals, plant nutrients, and animal wastes which can contaminate water and cause adverse human or environmental effects;
- (3) develop integrated crop production systems which are more productive, use inputs more efficiently, and are more protective of the environment, including research on—
- (A) nutrient management and use efficiency;
 - (B) soil and tissue testing and nutrient availability interactions with specific cropping systems;
 - (C) plant nutrient needs for nitrogen and elements in intensively managed cropping systems;
 - (D) enhancement of soil productivity;
 - (E) varietal and hybrid interactions with plant nutrient requirements and overall crop management;
 - (F) the relationship of soil microbial activity to nutrient management;
 - (G) suitability of cover crops in soil protection and nutrient conservation;
 - (H) the role of crop rotations in intensively managed cropping systems;
 - (I) legume management for nutrient conservation and environmental protection;
 - (J) interactions of improved nutrient use efficiency and efficient water use;
 - (K) nutrient availability interactions with soil physical conditions;
 - (L) nutrient balance effects on improved nitrogen use efficiency and lowered nitrate carryover in soils; and
 - (M) the importance of subsoil fertility in improved plant yields and nutrient use efficiency;
- (4) monitor and evaluate the extent of water contamination from agricultural production methods;
- (5) improve the understanding of the relationships between water use and the availability and quality of water;
- (6) improve the accuracy of yield and nutrient advisories;
- (7) improve the understanding of the ecological and biological aspects of agricultural production;
- (8) demonstrate the results of research conducted with funds provided under this section, undertaken in cooperation with the Extension Service, the Soil Conservation Service, and other entities;
- (9) reduce water contamination and improve water quality relating to the production of cut roses and other fresh cut flowers; and
- (10) meet other critical water quality research needs, as determined by the Secretary.

(Pub. L. 101-624, title XIV, §1484, Nov. 28, 1990, 104 Stat. 3624.)

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 5503 of this title.

§ 5505. Repository of agriculture and ground water quality planning information

The Secretary, acting through the Director of the National Agricultural Library, shall establish at such Library, a repository for all reports prepared and submitted, in accordance with this chapter, to the Director, the Secretary, or Committees of Congress. The Director of the Library, in administering such repository, shall—

- (1) compile other planning documents concerning agriculture and ground water protection that are produced by the Secretary and other Federal, regional, and State agencies;
- (2) compile and catalog all Federal statutes relevant to the protection of ground water from agricultural production; and
- (3) identify, list, and provide information concerning access to data bases and informational sources relating to ground water and agricultural production that are available through the Secretary, the United States Geological Survey, the Environmental Protection Agency, the Department of Commerce, the National Oceanic and Atmospheric Administration, the Tennessee Valley Authority, private industry, nonprofit organizations, and other sources.

(Pub. L. 101-624, title XIV, §1485, Nov. 28, 1990, 104 Stat. 3626; Pub. L. 102-237, title II, §201(f), Dec. 13, 1991, 105 Stat. 1847; Pub. L. 104-66, title I, §1011(r), Dec. 21, 1995, 109 Stat. 710.)

AMENDMENTS

1995—Pub. L. 104-66 struck out subsec. (a) designation and heading before “The Secretary, acting” and struck out subsec. (b) which required Secretary to prepare and submit report to Congress on measures necessary to develop national database on agricultural practices and water resources.

1991—Subsec. (a). Pub. L. 102-237, §201(f)(1), substituted “Director” for “Administrator” before “of the” in two places in introductory provisions.

Subsec. (a)(3). Pub. L. 102-237, §201(f)(2), substituted “Atmospheric Administration” for “Atmospheric Agency”.

Subsec. (b)(3). Pub. L. 102-237, §201(f)(3), substituted “this subsection” for “subsection (a)”.

EFFECTIVE DATE OF 1991 AMENDMENT

Amendment by Pub. L. 102-237 effective as if included in the provision of the Food, Agriculture, Conservation, and Trade Act of 1990, Pub. L. 101-624, to which the amendment relates, see section 1101(b)(1) of Pub. L. 102-237, set out as a note under section 1421 of this title.

§ 5506. Water policy with respect to agricultural chemicals

(a) Authority

The Department of Agriculture shall be the principal Federal agency responsible and accountable for the development and delivery of educational programs, technical assistance, and research programs for the users and dealers of agricultural chemicals to insure that—

- (1) the use, storage, and disposal of agricultural chemicals by users is prudent, economical, and environmentally sound; and

(2) agrichemical users, dealers, and the general public understand the implications of their actions and the potential effects on water.

The Secretary is authorized to undertake such programs and assistance in cooperation with other Federal, State, and local governments and agencies, and appropriate nonprofit organizations. The Secretary shall disseminate the results of efforts in extension, technical assistance, research, and related activities. The Secretary shall undertake activities under this subtitle in coordination with the Office of Agricultural Environmental Quality in section 5402 of this title.

(b) Effect on existing authority

The authority granted in subsection (a) of this section does not alter or effect the responsibility of the Environmental Protection Agency under the Federal Insecticide, Fungicide, and Rodenticide Act (7 U.S.C. 136 et seq.).

(c) Participation

The following agencies shall participate in the Department's water program: the Agricultural Research Service; the Agricultural Stabilization and Conservation Service; the Animal and Plant Health Inspection Service; the Cooperative State Research Service in conjunction with the system of State agricultural experiment stations; the Economic Research Service; the Extension Service, in conjunction with State and county cooperative extension services; the Forest Service; the National Agricultural Library; the National Agricultural Statistics Service; the Soil Conservation Service; and other agencies within the Department deemed appropriate by the Secretary.

(Pub. L. 101-624, title XIV, §1499, Nov. 28, 1990, 104 Stat. 3632; Pub. L. 102-237, title II, §201(g), Dec. 13, 1991, 105 Stat. 1847; Pub. L. 104-127, title VIII, §859(b), Apr. 4, 1996, 110 Stat. 1173.)

REFERENCES IN TEXT

This subtitle, referred to in subsec. (a), means subtitle H (§§1491-1499) of title XIV of Pub. L. 101-624, Nov. 28, 1990, 104 Stat. 3627, which enacted sections 136i-1 and 5506 of this title, amended sections 136a, 136a-1, 136d, 136w-3, and 450i of this title, and enacted provisions set out as a note under section 136a of this title. For complete classification of this subtitle to the Code, see Tables.

The Federal Insecticide, Fungicide, and Rodenticide Act, referred to in subsec. (b), is act June 25, 1947, ch. 125, as amended generally by Pub. L. 92-516, Oct. 21, 1972, 86 Stat. 973, which is classified generally to subchapter II (§136 et seq.) of chapter 6 of this title. For complete classification of this Act to the Code, see Short Title note set out under section 136 of this title and Tables.

CODIFICATION

Section was not enacted as part of the Agriculture and Water Policy Coordination Act which comprises this chapter.

AMENDMENTS

1996—Subsec. (b). Pub. L. 104-127 struck out “and section 3125c of this title” before “does not alter”.

1991—Subsec. (a). Pub. L. 102-237, §201(g)(1), inserted “Agricultural” before “Environmental Quality” and substituted “section 5402 of this title” for “section 1612 of this Act”.

Subsec. (b). Pub. L. 102-237, §201(g)(2), substituted “Effect” for “Affect” in heading and inserted reference to section 3125c of this title.

Subsec. (c). Pub. L. 102-237, §201(g)(3), inserted “and” after “Animal”.

EFFECTIVE DATE OF 1991 AMENDMENT

Amendment by Pub. L. 102-237 effective as if included in the provision of the Food, Agriculture, Conservation, and Trade Act of 1990, Pub. L. 101-624, to which the amendment relates, see section 1101(b)(1) of Pub. L. 102-237, set out as a note under section 1421 of this title.

CHAPTER 87—EXPORT PROMOTION

SUBCHAPTER I—GENERAL PROVISIONS

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5624.	Barter of agricultural commodities. <ul style="list-style-type: none"> (a) In general. (b) Eligible commodities. (c) Barter by exporters of agricultural commodities. (d) Transfer of foreign products to other Government agencies. (e) Corporation authority not limited. (f) Prohibited activities.
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PART B—IMPLEMENTATION

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